

Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) It requires _____ volt(s) to push 1 ampere through 1 ohm of resistance. 1) _____
A) 1
B) 2
C) 12
D) None of these

- 2) A circuit with a short to voltage may cause _____. 2) _____
A) Other circuits to malfunction
B) Improper operation of loads in the circuit
C) Both A and B
D) Neither A nor B

- 3) A loose ground connection _____. 3) _____
A) Causes reduced current flow
B) Causes less power to be available to the electrical components
C) Both A and B
D) Neither A nor B

- 4) In an open circuit _____. 4) _____
A) No current will flow
B) No voltage is present
C) Both A and B
D) Neither A nor B

- 5) A shorted circuit _____. 5) _____
A) Could cause an open circuit
B) Always causes the fuse to blow
C) Both A and B
D) Neither A nor B

- 6) High resistance in an electrical circuit can cause _____. 6) _____
A) Dim lights
B) Slow motor operation
C) Clicking of relays or solenoids
D) Any of the above

- 7) In a circuit with a short to ground _____. 7) _____
A) No current flows past the point of the short
B) Some or all of the electrical loads may no longer work
C) Both A and B
D) Neither A nor B

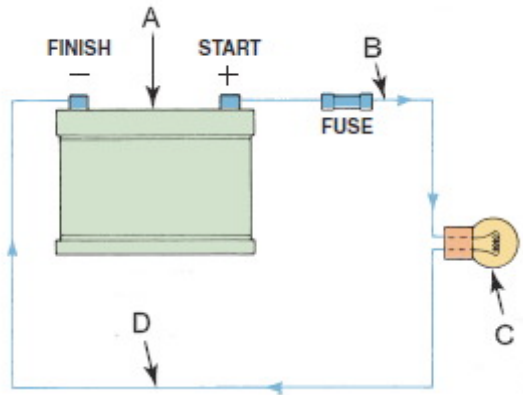
8) A resistance of 2200 ohms is the same as _____.

- A) 2200 volts
- B) 2.2K Ω
- C) 220 ohms
- D) 2200000 ohms

8) _____

9) Which component in this electrical circuit is considered the "load"?

9) _____



- A) A
- B) B
- C) C
- D) D

10) High resistance in a circuit _____.

- A) Reduces current flow through the circuit
- B) May cause a fuse to blow
- C) Both A and B
- D) Neither A nor B

10) _____

Answer Key

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1) A

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2) C

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3) C

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4) A

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5) A

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6) D

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7) C

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8) B

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9) C

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10) A

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